ANSWER WITH EXPLANATION

[SET – 15]

1. (b)
The difference between terms is 5, 10, 15.

2. (d)
Both conclusions are correct.

3. (d)

4. (c)

5. (c)
The patter is (1+2)×2=6 , (2+3)×2 = 10, (3+4)×2=14

6. (c)
3 - 2 = 1; 2 - 1 = 1; Similarly, 4 - 3 = 1

7. (a)
from end the difference between terms is
26, 22, 18, 14, 10, 6
So, 8 should come in place of 6.

8. (c)
In all terms except 816, the sum of unit and ten's place digit is equal to digit at hundredth place.

9. (b)
All are different

10. (a)
(56+15)-(22+8)=41, (46+9)-(10+6)=39,
Similarly (34+11)-(141+6)=25

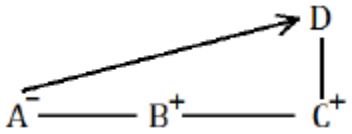
11. (c)
9×3×3=81, 11×4×4=176,
Similarly, 13×7×5=455

12. (c)
In all others difference is 9.

13. (b)
11 represents male who do not live in urban area.

14. Ans.(c)
$20 + 8 \div 4 - 3 \times 2 = 16$

15. Ans.(a)



D can be either mother or father of A.

16. (c)

Yogesh > Naresh > Ram > Ramesh > Mohan

17.(d)
Except Insipid, all other indicate a certain taste.

18. (d)
Centaur is a mythological animal.

19. (b)
Except circle, all other have straight lines.

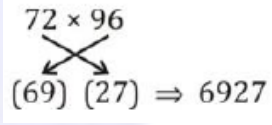
20. (c)
In all others after vowel pattern is +1, +1

21. (b)
In all other, there is at least one vowel.

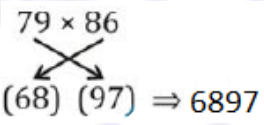
22. (a)
The pattern is ÷4, ÷4, ÷4, ÷4,

23. (d)
The pattern is $+2^2$, $+4^2$, $+6^2$, $+8^2$

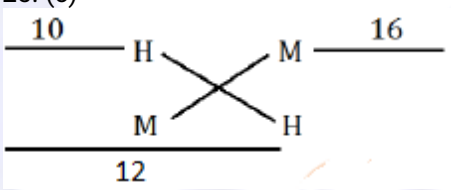
24. (c)



Similarly,



25. (c)



Total number of students will be = 12 + 1 + 16 = 29
So, position of Manas from the right will be nineteenth.

26. (c)
$7^3 - 7 = 336$
$11^2 - 11 = 110$
$8^3 - 8 = 504$

27. (d)

28. (c)
ii. obscure
iii. obsession
i. obstacle
iv. obstruct

29. (a)

30. (b)
Since Q is 14th from left; there is no chance for M to be left of Q.
→M's position from the left end = 14 + 16 + 1 = 31st →M's position from the right end = Total no of children + 1 – M"s position from the left end = 40 + 1 – 31 = 10th

31. (d)
R < K …(i)
K > D ...(ii)
D = V …(iii)
V ≤ M …(iv)
From (i) and (ii), R and D can't be compared
Hence I and II do not follow.
From (iii) and (iv),
D = V ≤ M or D ≤ M.
Hence either III (D =M) or IV (M > D) follows.

32. (b)
F > N … (i)
N ≥ W …(ii)
W ≤ Y …(iii)
Y < T …(iv)
From (i) and (ii),
F > N ≥ W or F > W.
Hence I follows.
From (ii) and (iii), N and Y can't be compared. Hence II and III do not follow.
From (iii) and (iv),
W ≤ Y < T or T > W.
Hence IV follows.

33. (d)
B ≥ T … (i)
T < R …(ii)
R > F …(iii)
F = K …. (iv)
From (i) and (ii), B and R can't be compared.
Hence I does not follow.
From (iii) and (iv), R > F = K or R > K.
Hence III follows.

34. (a)
J = F … (i)
F ≤ N ….(ii)
N > H …(iii)
H ≥ G …. (iv)
From (iii) and (iv),
N > H ≥ G or G < N
Hence I follows.
From (i) and (ii),
J = F ≤ N or N ≥ J.
Hence II follows.
From I and II, G and J can't be compared
Hence IV does not follow.

35. (e)
D ≤ T .. (i)
T = R ..(ii)
R ≥ M ..(iii)
M > K ..(iv)
From (i) and (ii),
D ≤ T = R or D ≤ R.
Hence either I (R = D) or II (R > D) follow.
From (ii) and (iii),
T = R ≥ M or M ≤ T…. (v)
Hence (IV) follows,
From (iv) and (v),
K < M ≤ T or K < T
Hence III follows.

(36-40) :

Q.No	Candiate	(i)	(ii)	(iii)/a	(iv)	(v)	(vi)	(vii)/b
36	Kesav	√	√	(√)	√	√	√	√
37	Arindam	√	_	√	X	√	√	√
38	Sohan	_	√	√	√	√	√	√
39	Neha	√	√	√	√	√	√	(√)
40	Neeta	√	√	√	√	√	√	√

36. (b) 37. (a) 38. (a) 39. (c) 40. (d)